



TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



State Statistician: Gene Danekas
P.O. Box 41505
Nashville, TN 37204-1505
1-800-626-0987

http://www.nass.usda.gov/tn

Released Weekly April - November

2000 Weather Crop 17

Issued 3:00 P.M. , CDT 07/24/00

Week Ending July 23, 2000

RAINFALL WELCOMED, BUT MORE NEEDED

Rain showers were widespread throughout the State this past week bringing much needed moisture. Rainfall totals, though widely variable, were especially helpful because many areas were beginning to show stress. For those areas receiving little or no rainfall last week, the dry conditions have become a concern. As of Sunday, development of all major Tennessee row crops was on a normal pace or slightly ahead of the five-year average and conditions were in the mostly good-to-fair category. The State’s soybean growers used the six days considered suitable for fieldwork this past week to apply herbicides and insecticides to their crop. Tobacco farmers continued to irrigate their fields. Topping and applying sucker controls were the other main field activities this past week. Cotton is setting bolls with no major problems reported. Nearly all corn has reached the silking stage and nearly 40 percent has entered the dough stage. As of Friday, topsoil moisture levels were rated, 9 percent very short, 28 percent short, 60 percent adequate, and 3 percent surplus. Subsoil moisture levels were rated 11 percent very short, 36 percent short, 52 percent adequate, and 1 percent surplus.

CROP PROGRESS: Through July 23, 2000

CROP CONDITION: On July 21, 2000

Crop	This Week	Last Week	1999	Five Year Avg.	Crop	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Silking or Beyond	96	92	95	87	Corn	2	5	19	45	29
Corn - Dough	39	20	45	41	Soybeans	2	6	25	49	18
Soybeans - Blooming	42	23	45	33	Cotton	0	3	24	54	19
Soybeans -Setting Pods	14	5	22	11	Pastures	4	16	34	41	5
Cotton - Setting Bolls	73	54	80	70	Tobacco	1	7	33	50	9
Tobacco - Topped	34	20	31	26						
Alfalfa Hay - Second Cutting	95	84	85	88						

CORN: The corn crop made good progress last week and nearly all has reached the silking stage. The crop continues to be rated in mostly good-to-excellent condition.

SOYBEANS: Herbicides are actively being applied. Some farmers were spraying for grasshoppers and armyworms that are currently devouring newly emerged double crop soybeans. Soybeans are on a pace slightly behind last year’s crop, but ahead of the five-year average.

TOBACCO: Farmers continued to irrigate fields this past week. Black shank has been spotted regularly, however, in many places the disease is not very active. Tobacco conditions improved slightly from last week.

COTTON: The crop remains rated in mostly good-to-fair condition. There have been no reports of weevil problems and the crop is setting bolls at a normal pace.

PASTURES & HAY: Range and pasture conditions dropped slightly from last week, but remained mostly good-to-fair. Farmers used the favorable weather to continue their second cuttings of alfalfa and other hay.

TEMPERATURES AND PRECIPITATION For week ending: 07/23/00 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 07/23/00				Current Week	Rain	Current	Departure	Since April 1	
	HI	LO	AVG	DFN	07/23/00	Days	Since April 1	From Normal		
Ames_Plantation	96	65	80	+2	0.67	1	14.95	-2.48	1392	+74
Bristol	85	58	72	-3	0.33	1	13.17	-0.81	944	+98
Brownsville_TN	94	66	80	-2	1.15	3	14.68	-2.75	1423	+291
Chattanooga	99	62	81	+3	0.10	1	15.62	-0.23	1490	+292
Clarksville_Sew	94	64	77	-2	0.44	3	18.68	+2.96	1370	+228
Cookeville	91	57	75	-2	0.30	3	18.88	+0.63	1045	+366
Covington	95	65	79	-2	0.76	2	15.30	-1.89	1445	+106
Crossville_AP	87	58	73	-2	0.06	3	19.39	+1.53	964	+179
Dickson_AG	89	59	75	-3	0.34	4	14.57	-3.13	1128	-73
Dover_1W	92	63	76	-2	0.33	2	18.26	+1.50	1193	+189
Dyersburg	90	63	78	-4	0.41	3	17.54	+0.83	1400	-33
Erwin_1W	85	59	72	+0	0.16	1	17.48	-0.14	924	-101
Huntingdon_Wate	91	61	76	-4	0.66	2	15.05	-2.17	1047	-27
Jackson_AG	93	65	79	-1	0.68	1	14.29	-3.59	1340	+77
Kingston_AG	94	63	77	+2	0.06	2	18.04	-0.31	1224	+310
Knoxville_AP	92	63	77	+0	0.23	1	19.93	+4.53	1237	+210
Lewisburg	98	58	77	-1	0.87	1	17.13	-1.00	1103	+61
Lexington_TN	93	65	78	-2	0.71	2	15.71	-1.25	1309	+579
Linden	96	59	77	-1	1.37	1	14.92	-3.05	1170	+113
Martin	92	62	77	-3	0.50	1	18.66	+0.77	1283	+74
Mc_Minnville_Tn	93	59	75	-2	0.14	3	15.91	-1.44	1181	-175
Memphis_AG	97	65	81	-3	1.19	2	13.39	-3.39	1473	-125
Milan	91	58	75	-4	0.70	2	14.07	-4.17	1125	-58
Murfreesboro_5N	92	60	76	-3	0.43	3	19.49	+2.17	1144	-198
Nashville	93	63	79	-1	0.30	2	15.94	+0.18	1378	+124
Newcomb	89	58	73	-1	0.44	1	16.76	-1.50	948	+223
Oneida	86	57	71	-3	0.42	1	19.18	+0.92	877	-240
Pikeville	93	56	76	-1	0.32	3	14.34	-2.05	1141	+123
Portland_TN	91	64	76	-2	0.51	3	15.17	-2.08	1191	+176
Pulaski_Water_P	98	62	77	-3	1.26	1	20.43	+3.31	1214	-58
Savannah_6SW	97	51	79	-2	0.73	2	13.29	-5.22	1507	+411
Sparta_TN	92	58	76	+0	0.10	1	19.80	+1.94	1155	+281
Springfield	93	58	75	-3	0.36	2	15.39	-1.14	1141	+109
Springhill	95	60	77	-1	0.29	1	15.90	-2.17	1244	+216
Union_City	89	63	75	-4	0.51	2	18.28	+1.05	1206	+18

DFN = Departure From Normal (Using 1961-90 Normals Period).

Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.

Copyright 2000: AWIS, Inc. All Rights Reserved

The Tennessee Agricultural Statistics Service gratefully acknowledges contributions to this publication by: National Weather Service, and the University of Tennessee’s Extension Service.